

SECRET

TRANSPORT CAPACITY FORMULAE

25X1C

In accordance with a recent inquiry from [] it is requested that the following information be furnished him. X Only one document, Department of the Army Field Manual, FM 101-10, July 1953, Official Use Only, provides formulae for computing the capacity of the various means of transport. This document is believed to be available [] Other documents containing capacity formulae refer only to railroads or inland waterways and are listed under these headings below: 25X1C

A. Rail

- (1) Rapid Determination of Tonnage Ratings (Subject No. 115), VIII Pan American Railway Congress, Washington, D.C. and Atlantic City, N.J., June 12-25, 1953. Doc. 6/3, Section D, Serial No. 53, Author S. V. Smith, Unclassified.
- (2) Analysis of Capacity of US Class I Railroads Revised Dec. 1943 by F. J. Sette, Transfer and Storage Div. of Stockpiling and Transport Section. (Probably can be obtained through Department of Commerce.)
- (3) Railroad Capacity as Related to Train Speeds, Association of American Railroad No. 42995, Unclassified.
- (4) Traffic Capacity of Railroads; Methods of Increase; Studies of Utilization of New Equipment and Procedures (Subject No. 100) VIII Pan American Railway Congress, Washington, D. C. and Atlantic City, N.J., June 12-25, 1953. Doc. 5/1, Section C, Serial No. 38, Author E. C. Poole, Unclassified.
- (5) Methods of Improving Traffic Capacity of Single Track Railroads. A Monograph in Russian by V. N. Vdovichenko, Moscow 1951.

B. Inland Water

The Operational Organization of the River Fleet, A. A. Soyuzov, Assistant Professor Candidate in Technical Sciences, Moscow, 1950.

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